

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-11. (Cancelled)

12. (Previously presented) A method of treating leukemia in humans comprising the steps of:

(a) preparing an aqueous solution comprising approximately 0.1% to 1.0% by weight arsenic trioxide, 0.8% by weight sodium chloride and 10% by weight glucose;

(b) sterilizing said aqueous solution to form an injectably administrable leukemia treating composition; and

(c) administering said composition as an intravenous drip to a human in need of treatment for leukemia.

13. (Cancelled)

14. (Cancelled)

15. (Previously presented) The method of claim 12, wherein step (c) is repeated on a daily basis for approximately 2 to 4 weeks.

16. (Previously presented) The method of claim 12, further comprising, after the administering step, ceasing administration of the composition.

17-28. (Cancelled)